617-237-1558

PATENT ATTORNEY DOCKET NO. 50166/002001

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Jeffrey A. Hubbell et al.

Art Unit:

1615

Serial No.:

09/559,984

Examiner:

L. Di Nola Baron

Filed:

April 26, 2000

Customer No.:

21559

Title:

IN SITU FORMING HYDROGELS

01 FC:2254

Commissioner for Patents 720. Washington, DC 20231

SUPPLEMENTAL AMENDMENT

In reply to the telephonic interview with the Examiner on October 9, 2002, Applicants submit the following amendments and remarks.

<u>AMENDMENTS</u>

Please amend claims 1, 2, and 14-18 as follows.

- 1. (Amended) A hydrogel precursor composition comprising:
- (a) a polymer comprising a water soluble polymer domain with at least two hydrophobic interacting groups attached thereto, wherein said hydrophobic interacting groups bind strongly to each other in an interchain manner to form a hydrogel under physiological conditions; and